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A
CATALOGUE
OF THE
MODELS, MACHINES,
&c. &c.

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FIRST VOL. OF THE TRANSACTIONS.

IN CHEMISTRY AND MINERALOGY.—CLASS II.

MR. R. W. Dickinson's apparatus for clearing beer while in a state of fermentation. See page 23.

MR. H. Wilkinson's improved safety chamber to the oxy-hydrogen blow-pipe. See page 26.

MR. T. Griffith's stop-cock for chemical purposes, &c. See page 29.

Sample of East India annatto from James M'Killop, Esq. See page 39.

IN POLITE ARTS.—CLASS III.

MR. J. Straker's embossed designs on wood. See page 52.

IN MANUFACTURES.—CLASS IV.

Mr. D. Maclean's cloth manufactured entirely from fine wool the growth of the colony of New South Wales. See page 69.

Samples of plat from British grass in imitation of Leghorn. See page 74.

IN MECHANICS.—CLASS V.

Mr. G. Gladwell's plane for carpenters. See page 83.

Mr. Edward Speer's concentric chucks for turners. See page 86.

Mr. Richard Soaper's ladle for paying the seams of ships, and improved pitch-kettle. See page 90.

Lieut. Wm. Pringle Green's gun-carriage for naval use, and jointed ramrod. See page 93.

Capt. G. G. Burton's improved method of letting go the anchor. See page 99.

Mr. Raphael Clint's balanced masts. See page 107.

Mr. G. Smart's new mode of supporting top-masts. See page 111.

Lieut. W. J. T. Hood's improved screen glasses for quadrants and sextants. See page 115.

Mr. F. Watt's screw-wrench. See page 121.

Mr. T. Eddy's screw-wrench. See page 123.

Mr. J. Duce's quadruple lock. See page 125.

Mr. G. Welsh's original screw. See page 127.

Capt. Bagnold's improved culinary steam boiler. See page 130.

Mr. Bothway's apparatus for raising invalids in bed. See page 140.

Mr. J. Aitkin's remontoire escapement. See page 142.

Mr. F. Richman's method of raising a sunken floor. See page 149.

Mr. A. Ainger's cast-iron trusses or cradles for sustaining decayed or sunken timbers. See page 153.

Mr. Stirling's working drawings of a steam-engine. See page 167.

IN COLONIES AND TRADE.—CLASS VI.

M. Chazal's specimens of silk from the Isle of France. See page 168.

Mr. T. Kent's extract of mimosa bark. See page 176.

Mr. J. M'Arthur's fine wool from New South Wales. See page 178.

Mr. Hannibal M'Arthur's wool from New South Wales. See page 180.

Sundry articles from New South Wales, from Robert Wilmot Horton, Esq., M. P. See page 183.